



Name: Offshore Spar “Murphy FrontRunner”

Owner: Murphy Exploration and Production Co.

Location: Gulf of Mexico

Products: Amercoat 68HS
Amercoat 233ER
Amercoat 236ER
Amerlock 400
Amerlock 400GF
PSX 700

Date: 2003 to 2004

In 2002, J. Ray McDermott, Inc. was awarded by Murphy Exploration the contract to build their offshore production spar “FrontRunner.” PPG PMC coatings were selected to protect the structural steel, piping, equipment and tanks on the platform – a total of more than one million square feet – at Gulf Island Fabricators in Houma, Louisiana.

The three-coat system chosen for the project consisted of:

- Amercoat 68HS zinc-rich epoxy primer
- Amerlock 400 high-solids epoxy
- PPG PMC’s patented PSX 700 engineered siloxane

In addition:

- Amerlock 400GF high-solids glassflake epoxy was applied to high-heat areas
- Amercoat 233ER edge-retentive epoxy was used on some tanks
- Amercoat 236ER multi-purpose epoxy was used on ballast tanks

PPG PMC offers the world’s most extensive and versatile line of offshore coatings, and its coatings have protected offshore platforms from the aggressive marine environment for more than 50 years.